

# Systems and Methods for Broadcasting Information Additive Codes

## Abstract of the Invention

**[0114]** A broadcasting system for communicating data to multiple receivers using information additive code includes one or more information additive code transmitters and one or more information additive code receivers. Each of the information additive code transmitters includes an encoder configured to receive source data and to produce information additive code therefrom. Each of the information additive code receivers includes a decoder configured to receive the information additive code and to reconstruct therefrom substantially a copy of the source data.